

RECEIVED
CENTRAL FAX CENTER

001/004

BEST AVAILABLE COPY FEB 22 2007

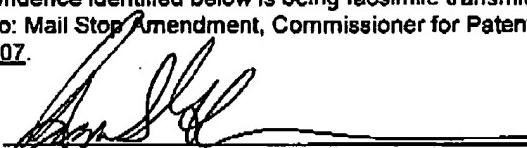
FAX COVER SHEET**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

| | | |
|---|---|--|
| Attention: | MAIL STOP AMENDMENT Group Art Unit: 2616 Examiner: CHIN, Wellington | Fax: (571) 273-8300 |
| UNITED STATES PATENT AND TRADEMARK OFFICE | | Phone: (571) 272-3134 |
| Pages: | Cover + 2 + 1 = 4 | Date: February 22, 2007 |
| From: | Georgann S. Grunebach Assistant General Counsel | Fax: (310) 964-0941 Phone: (310) 964-4615 |

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 22, 2007.



Georgann S. Grunebach, Reg. No. 33,179
Telephone No. (310) 964-4615 (Printed Name of Person Signing Certificate)

February 22, 2007
(Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-201150

Please find attached Re:

Serial No.: 10/692,491

Filing Date: 10-24-2003

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)

PLEASE CONFIRM RECEIPT OF THIS FACSIMILE

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DirecTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

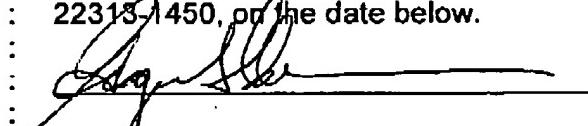
RECEIVED
CENTRAL FAX CENTER

FEB 22 2007

Patent
PD-201150
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/692,491
Filed: December 4, 2003For: ONLINE OUTPUT MULTIPLEXER
FILTER MEASUREMENTGroup Art Unit: 2616
Examiner: CHIN, WellingtonI hereby certify that this correspondence is
being facsimile transmitted to (571) 273-8300
(Centralized Facsimile Number) and
addressed to:Mail Stop Amendment, Commissioner for
Patents, P. O. Box 1450, Alexandria, VA
22313-1450, on the date below.
Georgann S. Grunebach

Typed or printed name of person signing certificate

Date: February 22, 2007

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

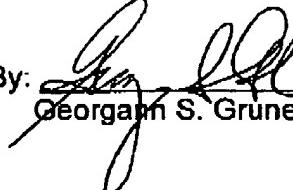
However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Serial No. 10/692,491.....Page 2

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:


Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
CA/LA1/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

February 22, 2007

RECEIVED
CENTRAL FAX CENTER 004/004

FEB 22 2007

| | | | |
|---|-------------------|------------------------|------------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 10/692,491 |
| | | Filing Date | October 24, 2003 |
| | | First Named Inventor | Ernest Chen |
| | | Art Unit | 2616 |
| | | Examiner Name | CHIN, Wellington |
| Date: | February 22, 2007 | | |
| Sheet 1 of 1 | | Attorney Docket Number | PD-201150 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----------|-------------------------------------|--------------------------------|--|--|
| Examiner Initials* | Cite No. | Document Number Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US-6,522,683 | 02-2003 | Smee et al. | |
| | | US-7,161,931 | 01-2007 | Li et al. | |
| | | US-6,956,841 | 10-2005 | Stahle et al. | |
| | | US-6,049,566 | 04-2000 | Saunders et al. | |
| | | US-2002/0136327 | 09-2002 | EI-Gamal et al. | |
| | | US-7,154,958 | 12-2006 | Dabak et al. | |
| | | US-2003/0194022 | 10-2003 | Hammons et al. | |
| | | US-2004/0146014 | 07-2004 | Hammons et al. | |
| | | US-2002/0051435 | 05-2002 | Giallorenzi et al. | |
| | | US-2006/0013333 | 01-2006 | Chen, Ernest C. | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|----------|---|-----------------------------------|--|---|
| Examiner Initials* | Cite No. | Foreign Patent Document Country Code-Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.